

LASER TREATMENT DEVICE

Publication number: JP2003079752 (A)

Publication date: 2003-03-18

Inventor(s): YAMAZAKI KIMIYO; YAMAZAKI IWAO

Applicant(s): YA MAN LTD

Classification:

- **international:** **G02B26/10; A61B18/20; A61N5/06; G02B26/10; A61B18/20; A61N5/06; (IPC1-7): A61N5/06; A61B18/20; G02B26/10**

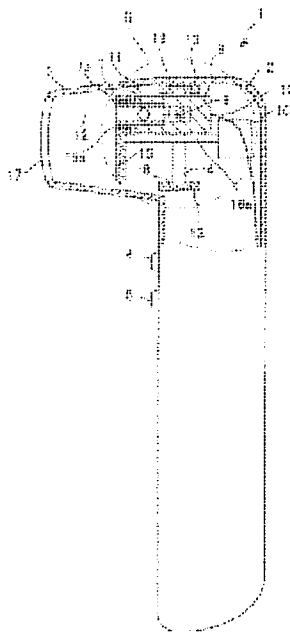
- **European:**

Application number: JP20010274266 20010910

Priority number(s): JP20010274266 20010910

Abstract of JP 2003079752 (A)

PROBLEM TO BE SOLVED: To provide a laser treatment device, with which longitudinal and lateral ranges can be widely irradiated with laser light for scanning by a single laser light source and miniaturizing/lightening is enabled. **SOLUTION:** This device is provided with a Y guide frame 14 for supporting an optical unit 11 to freely slide the unit in a Y-axis direction, an X guide frame 14 for supporting this Y guide frame 14 to freely slide the frame in an X-axis direction, a rotary board 15 having a rotational axis parallel to the optical axis of the optical unit 11 supported by the Y guide frame 14, and an actuator 16 for driving this rotary board 15, and the optical unit 11 is supported at the eccentric core position of the rotary board 15 to be freely rotated around the optical axis. Thus, by rotating and driving the rotary board 15, an optical axis 12 of the optical unit 11 is moved to draw a circle, and the longitudinal and lateral ranges on the surface of the skin can be widely irradiated with laser light for scanning.



Data supplied from the esp@cenet database — Worldwide